LABDEX

# PCR Cabinet LX102PCR

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# Description

PCR Cabinet LX102PCR is designed with an LCD display to protect against contamination with a UV sterilization system and with the provision of HEPA filtered laminar flow which inhibits cross-contamination of the samples. The irradiating UV lamp only can be switched on when the front window is closed, ensuring operator safety sterilized working environment. Side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

# Specifications

| | |
|---|---|
| **Internal dimension (W x D x H)** | 1100 x 595 x 550 mm |
| **External dimension (W x D x H)** | 1200 x 700 x 1770 mm |
| **Work surface height** | 750 mm |
| **Main body material** | Cold rolled steel with anti-bacteria powder coating |
| **Work table material** | 304 stainless steel |
| **Front and side window material** | Anti-UV |
| **Front and side window thickness** | 5 mm toughened glass |
| **Front and side window orientation** | Motorized |
| **Max Opening** | 300 mm |
| **Pre-Filter** | Polyester fiber, Washable |
| **HEPA filter** | 99.995% efficiency at 0.3µm |
| **Airflow velocity** | 0.3-0.5m/s, speed adjustable |
| **Noise** | ≤65dB |

| | |
|---|---|
| **UV lamp** | 30 W x 1 |
| **UV lamp emission** | 253.7 nanometers, with UV timer |
| **Illumination lamp** | LED 12 W x 2 |
| **Illumination** | ≥350Lux |
| **Shelf with IV bar** | Stainless steel, 502 x 150 x 50 mm (W x D x H) |
| **Caster** | Universal caster with leveling feet |
| **Waterproof socket** | Two, total load ≤ 500 W |
| **Consumption** | 600 W |
| **Power supply** | AC 220V ±10%, 50/60Hz; 110V ±10%,60Hz |
| **Package dimension (W x D x H)** | 1350 x 930 x 1450 mm |
| **Gross weight** | 220 Kg |

## Features

- Came with LCD display to show performing parameters
- Came with a UV lamp that provides an emission of 253.7 nanometers for the most efficient decontamination
- HEPA filter efficiency 99.999% at 0.3μm
- Interlock function for user safety
- Two waterproof sockets are located in the back wall for the convenience of using small devices inside the cabinet
- Memory function in case of power failure

- Equipped with a UV timer (0-90 minutes) whenever the setting time expires, the UV lamp automatically turns off for the preparation of the next experiment
- Cold-rolled steel with anti-bacteria powder coated main body
- Anti-corrosive 304 stainless steel work table

## Applications

- Used for amplification and manipulation of DNA or RNA etc.

## Standard Accessories

| Accessory no | Specifications |
|---|---|
| 1 | UV lamp |
| 2 | Fluorescent lamp |
| 3 | Base stand |
| 4 | Waterproof socket x 2 Pcs |
| 5 | Shelf with IV bar |

## Optional Accessories

| Accessory no | Specifications |
|---|---|
| 1 | Electric height adjustable base stand |

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